Engineers and Firemen With an Abundance of Nerve.

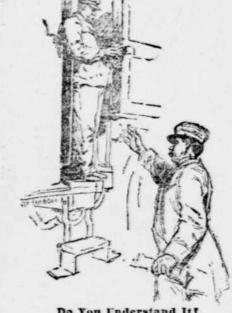
ONE SAD FAILURE



road presidents, general managers and general superintendents assembled in Washington to arrange the summer schedule which went into effect May 18th. They represented the railroad systems of the east, and are, undoubtedly, the bright-

est men in the business. It is doubtful whether a summer schedule has ever before gone into effect on the 13th of the month. Railroad men are superstitious, as a rule, but as the date fell on Monday, the day usually selected to change schedules, it was, no doubt, concluded to take the risk. A party of about half a dozen were sitting around an open window up at the hotel discuasing this point, on the evening before the conference, when one of the party dismissed the subject with the remark that, as the times were hard and the outlook for the summer business not of the brightest. they might as well change the schedule on the 13th and let the unjucky number bear the brunt of the responsibility if business turned out as indicated. From unlucky numbers the group fell to

discussing fast runs on the different roads and then took up the subject of special the heads of the different railroads, as they generally figure as the most important personages connected with the runs. The special train that carried the Vanderbilt party from Cleveland to Buffalo, recently, in record-breaking time, came under discussion, and considerable of the glory con-



amstances were dissected in the nature of e and an almost perfect were placed on the roads that cross the never do for me to weaken first. Well, we Plue Ridge or Alleghanies, it is a safe as- reached the siding in safety, and in about sertion to make that the time per mile would be increased by at least a dozen or more seconds.

"Of course I don't mean to detract from "There were half a dozen attaches of the

"Of course, I don't mean to detract from with astonishment, but it has frequently in the first place it might have been suchappened that our advertising agent was cessful. But it was the engineer's gamenot along and the world at large heard nothing of the performance.

One Dismal Failure.

"About the most dismal failure that I can recall in the way of a special train," was started from New York about 1877, I think. At that time there was considcess and the matter of stopping for water had been done away with. This permitted a run of a hundred miles continuously, but then came the change of engine and crews. Several of the bright young men of our road, and we had a few, put their heads together in that year and determined try and make a continuous run from New York to Pittsburg. An extra large tender was provided and the car next to it was loaded with coal. Gum tubing was run from the floor of the cars to the axle boxes carrying oil and other little contri-vances provided to lessen the chances of a

stop as much as possible.
"Everything looked lovely for the run on the morning that the train started out for Jersey City, and as I saw the engineer oil-



ing up the finest locomotive our company owned I knew he would do his part to make it a success. The plan was to have an engineer go to the end of the division he was familiar with, drop off, and an engi-neer that knew the division they were entering thoroughly to take charge. Every-thing passed off smoothly on the New York division, and the time made was something remarkable. As we passed through Philadel-phia the weather-beaten engineer left us and the new man grasped the throttle for his race against time to Harrisburg, the other terminus of the division.

"Out near Bryn Mawr, a pretty suburb of Philadelphia, our special was simply shat-tering space. Something got wrong with the oil tube running to the axle box on one of the cars, and Charley Douglas, one of the brightest young men then in the employ of our company, grasped the handle along-side the steps, and, leaning far over, endeavored to repair the break. At the mo-ment he was deeply engrossed over his work the train dashed around a slight work the train dashed around a slight curve, and the next instant poor Douglas forehead came in contact with a milk stand alongside the track. He never knew what struck him, as his death was instantaneous. As his body rolled from the steps I pulled the beli cord, and after running a quarter of a mile the train was stopped and backed up to where the body lay. Everybody knew Douglas, and it took the heart out of every one on the train. The object of the special was lost, as a stop had been made, but for the rest of the run the different engineers made records that stood for sev-

ure of a special train that has ever come to my notice, and to this day the experiment has not been repeated."

During the Railroad Riots. "How about the time made by the special train conveying troops to Pittsburg during the railroad riots of '77?" inquired one of "Well, that train was started with the idea

of making good time," replied the first BREAKING FAST TIME RECORDS of making good time," replied the first speaker, "but it was about the slowest special that has ever gone over our road. At every stop the train made a striker seemed to alight on it like a fly out of the air, and, as a result, if we resumed the journey inside of an hour we considered our-selves lucky. Coupling pins would be pulled out and thrown away, air-brake pipes tam-pered with, and up on the middle division they even had the nerve to kill our engine. "I have forgotten the general's name who had charge of the state militia on the o ME THREE

weeks since a group
of about fifteen rail-

to the round house with 100 militiamen and trains. This subject is a favorite one with take it out. I think that trip took about twenty hours to accomplish, while under ordinary circumstances the distance is

covered in nine hours."

"I can recall a run made by a special train about four years ago," said a member of the group, whose road winds in and out of the Lehigh coal region, "that comes into my mind without the least trouble to my thinking apparatus. The special consisted of an engine and two cars, and the distance covered was only seven miles, but, although no record of the time made was kept, I am positive it was a record-breaker for the distance. covered in nine hours.' breaker for the distance.

Running From Coal Cars.

"We had been up in the mining region inspecting the road and were returning down the hill at an easy pace. As we neared a little telegraph office stuck in the side of the mountain our engineer observed the young operator running toward him like a wild man. The engineer lost no time in pulling up to meet him, and was more than frightened when he called out: "The strikers up the hill have sent down two loaded coal cars after you; pull out for Sidell for your life!'

"Sidell was seven miles away, and was the nearest siding, and away we flew. If the worst came we knew we could jump and save our lives, but the engineer was trueblue, and I told him to try and save the engine and cars. And he tried. He simply pulled the throttle wide open, and after we had made a tremendous start he closed her up, and we drifted down the mountain like the wind. When we started for Sidell was had about held. we had about half a mile start on those two cars, and I don't believe they gained a Do You Understand Itf

foot on us. I was on the point of crying out a couple of times for the engineer to reverse the lever and put on the air brakes he and his fireman stuck twenty-five seconds the two cars passed by with a rush, and were caught as they

the merits of that run," said a gentleman I must say, with the exception of a little from Philadelphia, nodding to an Evening paleness, they went through the ordeal like Star reporter, "but we frequently make game men. A strike had been settled up time equally as fast as that when we strike good sections of the road and the engineer strikers had been barred out. It was these strikers had been barred out. It was these can let his locomotive spread itself. I have men who had tried to even up matters, been out on special trains that have made according to their ideas of revenge, and had it not been for the telegraph operator

Trying a New Locomotive.

"About three years ago," chimed in a gray-haired veteran, continuing the story continued the man from the quiet city, telling about special trains, "we received a new locomotive up on our road of very peculiar pattern, being exceedingly large erable speculation as to how far a train and equipped with many new patents could be run without stopping for coal or whereby great speed was to be attained. I water. The tanks holding water in the cen- was superintendent of the road then, and ter of the tracks had proven a great suc- determined to take it out myself on a special schedule and ascertain if the new ideas were practical. I picked out a firstclass engineer and fireman to accompany me. The latter, particularly, I want to call attention to, as he plays a very important part in my tale. He was six feet tall and built in proportion, and as he stood in the glare of the open fire-box pre-sented a picture worthy of the finest ar-

"Well, the locomotive proved to be all the builders claimed for her, and ran the record up to sixty-one miles an hour, which is quite a speed for our road, being possessed of many sharp curves and grades. When the engine was going her best and had just rounded a sharp curve I noticed directly ahead of me a little girl half-way across a single-track bridge that spanned quite a body of water. There was no room for us both on the structure, and in despair I pulled the whistle and tried, although I knew it was a hopeless task, to stop the engine. As the shrill shriek of the whistle reached the little girl's ears, she turned. and, seeing the engine bearing down upon her, ran ahead a few steps, and then, realizing the impossibility of reaching the other side before the engine would be upon her, she sprang to the side of the structure, and, with a scream, jumped into the deep water, twenty feet below. My reversing the engine startled the half dozen railroad men in the single coach I was hauling, and they immediately rushed out on to the front plat-

had seen the child simultaneously with me, and, acting instantly, had jumped down between the engine and tender, and as the girl sprang into the water he leaped after her. Owing to the velocity of the train his body whirled around like a ball before he Miss Juliet Thompson has struck the water. The stream had become quite swollen by recent rains, and the current was swift. My fireman had hardly disappeared under the water than the girl was seen several yards in front of him, but he quickly came to the surface and struck out after her. The little thing went down a to the surface and struck second time, but as she arose my fireman was by her side, and, grasping her firmly,

going on I was struggling with that peaky engine, and finally brought it to a standstill we immediately deserted that special and one and all rushed down to the bank of the river and yelled encouragement to the brave fellow. As he came out puffing like a porpoise, we gave him three cheers and a tiger, and he only replied to it with the remark: 'Christopher Columbus, but that water is cold!'

little purse, but I wasn't through with him. I sized him up this way: A man with his nerve and self-possession would certainly make a good engineer, and the next pay roll he signed was as one of that

WITH THE SPECIALS eral years. That was the most dismal fail- Great Northern and the Northern Pacific roads run side by side for miles together. roads run side by side for miles together, each taking the same curves around the base of the same mountains and jogging along in genial companionship. About half way to Helena from Butte the Great Northern plunges into an obstructing mountain and runs through a tunnel nearly a mile long. The Northern Pacific here leaves the Great Northern, and instead of passing through a tunnel winds about, twisting and turning, reversing itself a dozen times, until one imagines, as he stands upon the rear platform, that he sees a dozen different railroads instead of one. The grade is extremely steep. From the top of the decline one can see the track five different times, each track being from twenty to seventy-five feet below the one above it.

"At that time official business called me from Helena to Butte, and a special train from Helena to Butte, and a special train was ordered out for my accommodation. I well remember the conductor shouting up to the engineer as he stood at the entrement of the conductor shouting up to the engineer as he stood at the entrement. trance to his cab: 'Do you understand it?' He referred to the orders just given to run as fast as possible. We started all right, but soon began to lose time, and, of course, I became hot under the collar. Glancing out of the window I suddenly espied almost directly below, about 100 feet, another track. I remembered the the Grant North directly below, about 100 feet, another track. I remembered that the Great Northern ran parallel with the road I was now using and that the latter's train would soon be due and place me in Butte ahead of my slow special. Without a word I pulled the bell cord, clambered off the car pulled the beil cord, clambered off the car and made an uncomfortable climb down the 100-foot cliff. I sat down on the end of a tie and waited for my train. Fully twen-ty minutes passed and no train. Five min-utes later I heard a whistle and a minute later a locomotive came into view. I whirl-ed my hat and the train stopped. Running forward to climb on the first car, who forward to climb on the first car, who should confront me but the conductor I had left twenty-five minutes before, and it then dawned upon me that I had mounted my own special again.

"Well, I reached Butte finally, but it cost me something like \$1.40 for drinks for that train crew so as to keep the story west of the Mississippi river.'

IN LOCAL STUDIOS.

Mr. Robert Hinckley returned from Europe early in the week, and is more enthusiastic than ever over the possibilities of creating, or rather developing, an artistic atmosphere in Washington. This cause will be forwarded in the near future by the establishment of an American Salon to be held annually in this city. The older members of the artistic coterie are taking up with the idea with an earnestness and enthusiasm which must eventually crown their efforts with success.

In speaking of their plans Mr. Hinckley says: "We don't want to make it altogether a business arrangement. The social part of Washington must be interested. For instance, during the opening day, or "First View," of the Paris Salon, no one ever goes to see the pictures. If they do see them it is by mere accident. The thing to do is to go and look at the artistic, literary and social lions, and to admire and criticise each others dresses. That is all right and just as it should be. Such things help art indirectly and cultivate the taste for beautiful things. tiful things."

A great deal of interest has been shown in the recent competition for the Corcoran gold medal, and much satisfaction expressed as to its award. The recipient, Miss Margle Baker, is an earnest, conscientious student, and possessing to an unusually high degree the elements of a successful artist. Her work displays a thorough knowledge of anatomy and is free from the little "tricks" and "cutting of corners" which are so often employed by students' and made to answer the purpose of serious work.

The work exhibited by Miss Annie Thent, who received first honorable mention, was also interesting and worthy of more than passing notice. Her studies from the nude attracted general attention from the artists composing the committee of award for its completeness in every subtle detail of drawing and shading. Her work from the antique was also strong and comprehen-

Mr. John Sargeant, who by many of our artists and connoisseurs is considered the first of American artists, has again disde Mars, and was considered the finest canvas in the great exhibition, which in-cluded work from the ateliers of all Eu-rope's most celebrated artists. Mr. Sargeant is at present engaged on designs for the mural decorations of the Public Library in Boston, which will necessitate his presence in this country during the summer and early fall.

Mr. E. F. Andrews is rapidly completing a very charming portrait of Mr. Morgan's little son, a piece of work which brings out the artist's best abilities. The care and delicacy with which each detail is handled clearly show his sympathy pertaining to

child portraiture.
In addition to this Mr. Andrews is workin addition to this Mr. Andrews is working on the portrait of Senator Vorhees, which is to be hung in the Congressional Library. He will soon take in hand the life-sized portraits of the late Mr. Frank Hatton and Mr. Beriah Wilkins, which have been commissioned by the Post, in which building they will be placed as soon as completed. as completed.

Mr. Macdonald has almost finished his portrait of Judge Kelly of Oregon, and it may very justly be considered the best work of this talented young artist. The portrait is what the brotherhood terms
"a three-quarter." The figure is seated
with head slightly inclired, and supported
by the hand. The face is strongly illumined, and possesses an almost startling effect of brilliant light and transparent color. A very noticeable feature is the fine treatment of the hands, a portion of the canvas which by some of our best modern painters is so frequently shirked. It is to be hoped that Mr. Macdonald will place the picture where it can be generally seen, as it is an unusually fine specimen of por-

Mr. Max Weyl is busy on a number of forest scenes, a branch of artistic work which has recently engaged much of his attention. One of his latest achievements in the way of rapid work is a painting, or, rather, an elaborate sketch, of the old canal. The scene represents an autumn sunset, and is strikingly realistic in color and effect. The canvas is quite a large one, and the ar-tist reluctantly confessed that he "turned it out" in exactly one hour. The time, evidently, was too short, in Mr. Weyl's opinion, for the production of anything worthy of notice.

Mr. E. Lamasure is energetically forming a club of artists, who propose to leave Washington on the 4th of June, and, after the fashion of the famous Tile Club, take up their quarters on a canal boat, and slowly their way up the canal to Cumber A Brave Fireman's Jump.

"As the little girl's form sank beneath the water another figure whirled through the air. It was that big fireman of mine. He make their way up the canal to Cumberland. The trip will occupy about two weeks, and the special points of interest will be the trip will occupy about two weeks, and the special points of interest will be their way up the canal to Cumberland. The trip will occupy about two weeks, and the special points of interest will be their way up the canal to Cumberland. The trip will occupy about two weeks, and the special points of interest will be water another figure whirled through the canal to Cumberland. The trip will occupy about two weeks, and the special points of interest will be water another figure whirled through the water figure whirled the country will be presented to the voy-ageurs, and doubtless many will be the sketches and varied the subjects upon their

Miss Juliet Thompson has lately completed two very delightful portraits in pastel. One is of the German princess, Cantacuzene, and the other of Miss Cox. The former is an unusually difficult scheme of color and reflects the greatest credit upon the ability of the young artist. They are both fine likenesses, and are executed with the turned, and, after a struggle, managed to reach the shore almost exhausted.

"While the struggles in the water were going on I was struggles mith water were

Miss Lillian Cook has on exhibition in Veerhoff's gallery a fine study in black and white entitled " The Book of Light." The picture represents an aged philosopher bending over an open book. The subject is not a novel one, but the treatment is decidedly unique. The medium is crayon, presenting exactly the appearance of a fine engraving. The attention of the spectator is drawn directly to the exquisite face, which is brilliantly illumined by the rewhich light from the open volume, and which contains not only the beauty of old age, but the refinement and nobility which frequently, but not always, follows in the train of much learning.

Miss Grace Patten of the Corcoran Art School will leave the city the 1st of June on a sketching tour through the north. Her objective point is the coast of Maine, and objective point is the coast of Maine, and her friends anticipate some pretty bits of art as the result of her summer's work. Miss Patten, though young in years, gives no evidence of youth in her work, which is very vigorous. A small canvas which was hung at the recent exhibit of the Society of Washington Artists received commendation, as did also her work in oil, which is now on exhibition in the Co.

THE COSMOS CLUB

Notable for the Distinguished Character of Its Membership.

THOSE WHO HAVE BEEN PRESIDENTS

The Lay Members Equally Notable in Science and Letters

A SUCCESSFUL ORGANIZATION

THE COSMOS CLUB of Washington probably contains, among science than any oth er club in the United States. Fortunately, the various administrations, in making appointments in the purely scientific bureaus, have, usually, been wise enough to

select men for their distinguished and peculiar fitness for the places to be filled, and not because of their political services. The result is that many of the most eminent specialists in the various branches of science have been induced to come to Washington, and the capital of the nation has thus become a scientific center. The Smithsonian Institution being located here has, likewise, contributed to this

"What has he done?" is the question asked when a new member is proposed to the cosmos Club. He must have written a book or a monograph, made a discovery, invented something, led an exploring expedition, gone around the world, observed a transit, compiled a dictionary, named a fauna, classified a bug, scaled a mountain, irrigated a desert, investigated the geology of a region, conceived a new style in art, made a new chemical analysis, exploded a popular error, founded a university, established a bureau, organized an association to the most learned and industrious members is Dr. Theo. Nicholas Gill. Formerly connected with the Smithsonian Institution and the Congressional Library, he has of late years, being a man of means, severed his connection with all institutions, and become a free lance in the field of science and letters. There are few publishers of dictionaries and cyclopedias who have not availed themselves of his learning. Dr. Gill is learned in ichthyology, zoology, bibliography and philology.

The handsomest and one of the most entertaining members of the Cosmos is Gen. for the advancement of science, or in some way contributed to man's knowledge of the great cosmos-the beautiful system of the external universe. Not only does the club contain among its

members many of the most distinguished men of science, but it has received as guests nearly every man of science in the United States and some of the distinguished philosophers and scientists of other lands. Herbert Spencer, the last time he visited the United States, was put up at the Cosmos, and the members found him a genial interrogator concerning American ideas and ways. The great physicians of Europe and South America who visited Washington at the last session of the international congress of physicians were the club's guests, and so were many of the delegates to the pan-American congress. One of its latest distinguished foreign visitors was the Japanese scholar, Kinza Ringe M. Hiral.

Origin of the Club. The Cosmos was founded in the year 1878, for "the advancement of its members in science, literature and art, their mutual improvement by social intercourse, the acquisition and maintenance of a library, and the collection and care of materials and ap-The distinguished naturalist, Spencer F. Baird, was one of the founders and the club's second president. Prof. Baird was secretary of the Smithsonian Institution, but his great achievement was the deso we could jump, as at every curve I tinguished himself in his exhibitions at thought we would leave the rails, but as the Paris salons. A splendid portrait from of fish and fisheries, the practical benefits of which to the people of the United States cannot be estimated. Prof. Baird's pub-lished works include "The Mammals of North America" and "The History of North American Birds."

The first president of the club and one Wesley Powell, whose gallant exploration of the Colorado canon, in the year 1868, excited so much public interest, and later led to the establishment by Congress of a geo-graphical and geological survey of the Col-orado river and its tributaries. Since 1881 Maj. Powell has been the active and en-terprising director of the United States geological survey, and has had charge of the bureau of ethnology in the Smithsonian Institution. Among his special works are "Report on the Land of the Arid Regions of the United States" and "Introduction to the Study of Indian Languages, With Words, Phrases and Sentences to Be Col-

Dr. James Clarke Welling, president of the Columbian University, Washington, was another of the original members of the club, and its third president. Few men in this country have performed more important country have performed more important service to letters, in so many and varied ca-pactites, in law, journalism, belles-lettres, art, philosophy and history. He was for many years editor of the National Intelli-gencer; then became a professor at Prince-ton; held a position in the Court of Claims; is president of the board of trustees of the Corcoran Art Gallery, a regent of the Corcoran Art Gallery; a regent of the Smithsonian Institution, and, as president of the Columbian University, he has built up one of the most important seats of learning in the United States. Though now advanced in years, he has all the energy and enterprise of middle life. An Astronomical Founder.

Another splendid star in this galaxy of great men is Prof. William Harkness, U. S. N., the astronomer, who was one of the founders of the club, and its seventh president. He graduated in medicine, and serv-

ed as a surgeon in the army. During a cruise on the Monadnock he made important observations in terrestrial magnetism in South America. Since 1868 he has been attached to the naval observatory. He was executive officer of the transit of Venus expedition in 1871, and in a voyage around the world made many important astronomica

world made many important astronomical discoveries and observations. He is a Scotchman, and one of the most genial of old bachelors. He lives in the club house, and takes the deepest interest in everything pertaining to the club.

Another habitue of the Cosmos, and a prince of club men, is Dr. Robert Fletcher, the eighth president of the club. Dr. Fletcher is probably the most accomplished bibliographer in the literature of surgery and medicine in this country. He is the and medicine in this country. He is the principal assistant in the library of the surgeon general's office, the finest medical li-brary in the world. Dr. Fletcher is an Englishman, courtly, debonair and with a mind free from bigotry and stored with learning and anecdote.

Col. Garrick Mallery, the distinguished ethnologist, is a genial and witty cosmopolite, and was the club's fourth president. Some of his important works are "Intro-duction to the Study of Sign Language Among the North American Indians, as Il-lustrating the Gesture and Speech of Mankind" and "Pictographs of the North American Indians."
Edward Miner Gallaudet was the club's fifth president. Dr. Gallaudet was the club's fifth president. Dr. Gallaudet organized the Columbian Institution for the Deaf, Dumb and Blind, and aided in establishing the National Deaf Mute College, of which he is president.

Dr. John Shaw Billings, United States army, who has twice been chosen presi-dent, is the foremost authority in this coundent, is the foremost authority in this country in municipal hygiene and medical literature. His greatest works are "The Hygiene of the United States Army," "Mortality and Vital Statistics of the United States," "Index Catalogue of the Library of the Surgeon General's Office" and his 'Medical Dictionary," recently completed. Some Others Who Have Been Presi-

Dr. Henry Crecy Yarrow, eleventh president of the club, is a surgeon and naturalist, and is an authority on snakes, whether in their native fastnesses or in the boots, for he is an accomplished physician, as well as a naturalist. Maj. Clarence Edward Dutton, United

dents.

States army, was another president. Maj. Dutton is one of the first geologists in the United States and an authority on the technology of iron and on volcanoes. His principal works are "Geology of the High Plateaus of Utah," "Physical Geology of the Grand Canon District" and "Hawaiian The thirteenth and fourteenth presidents

were Gen. Jos. K. McCammon, ex-assistant attorney general of the United States and a or red for white and black for mourning are the colors most used. Some pretty efdistinguished lawyer, and Dr. J. M. Browne, surgeon general, United States navy. The fifteenth president was Prof. T. R. fects are obtained by using a sort of "From Butte to Helena the tracks of the now on exhibition in the Corcoran school. The last retiring president was Dr. G. insufficiently gummed envelopes.

Brown Goode, the ichthyologist, who succeeded Prof. Baird in charge of the fish commission. Dr. Goode is a prolific author and one of the most genial of men. His works cover a wide range, but relate more especially to fish. The scientists who visit Washington always find in him a genial

Washington always find in him a genial host,

The present president of the Cosmos Club is Prof. Grove Karl Gilbert, one of the foremost geologists of the world, who for years has been the principal geologist of the United States geological survey. He was president of the American Association of Naturalists, vice president of the American Association for the Advancement of Science and is a member of the National Academy of Sciences. Prof. Gilbert is one of the most unpretentious, but one of the most capable and industrious workers in the field of science. capable and incifield of science.

field of science.

A very distinguished member of the club is Prof. Simon Newcomb, the astronomer. Although never chosen president, he has probably had more and higher honors bestowed upon him than any other man of science in the United States. He has received the degree of doctor of philosophy from Heidelberg, gold medals from the Royal Astronomical Society and from the University of Leyden; he is a member of the Royal Astronomical Society of England and of the Institute of France; has been its members more ac-complished men of of Sciences and president of the American Association for the Advancement of Science.
He is professor of mathematics in the
United States navy, assigned to duty at the
naval observatory; professor of mathematics and astronomy at the Johns Hopkins University; his portrait was ordered
by the Russian government for the collecby the Russian government for the collection tion of famous astronomers at Pulkowa, and many of his writings, hundreds in number, have been translated into foreign

Some Distinguished Members.

Another great astronomer belonging to the club is Prof. Samuel Pierpont Langley, the present secretary of the Smithsonian Institution. Prof. Langley has made important solar observations from Pike's Peak, Mount Whitney, Mount Etna, Sicily and at Xeres, Spain. He is the foremost authority on the sun, and has invented a number of instruments for use in solar observations. Recently he has given spe-cial attention to the subject of aerial navi-

One of the most learned and indus-

tertaining members of the Cosmos is Gen. Adolphus Washington Greely, U. S. A., the Adolphus Washington Greely, U. S. A., the famous arctic explorer, now at the head of the signal service office.

Prof. Lester Frank Ward is not only a botanist and geologist of high rank, but he is also a well-known writer upon social science. He has had the high honor of having the title of one of his philosophical works included in the Index Expurgatorius of Russia.

Prof. Charles Valentine Riley, the well-known er tomologist, is a member. Prof. Riley has performed valuable service through his researches on the insects most injurious to agriculture in the United States. Prof. L. O. Howard, who has just succeeded Prof. Riley as entomologist of the Department of Agriculture, is secretary

Henry Adams, the author of "Jefferson's Administration," "Life of Albert Gallatin" Administration," "Life of Albert Gallatin" and other works, was one of the founder members. Washington is under obligations to Mr. Adams for its finest work of art. It is a bronze figure of a woman, by St. Gaudens, placed at the tomb of Mrs. Adams, whose melancholy death occurred some years ago. Mr. Adams and Mr. John Hay, the poet, reside in a splendid double mansion a square from the Cosmos club house.

the club membership is Prof. Thomas Cor-win Mendenhall, physicist, and the genial and very capable head of the U. S. coast survey. Prof. Mendenhall was at one time survey. Prof. Mendenhail was at one time professor of physics in the Imperial Uni-versity in Tokio, Japan, and later presi-dent of the Rose Polytechnic Institute of Indiana. He is an authority on earth-quakes, and has published "A Century of Electricity." Have Extended Reputations.

have not a national reputation, and most of them are known in scientific circles in Europe. Prof. Frank Wigglesworth Clarke, sale for both Ladies and Gentlemen. chemist, is an author of many popular essays on scientific subjects; Dr. Chas. A. White is known to the paleontologists of all the world; Dr. Joseph Meredith Toner is the author of numerous pamphlets including. The Warren Shoe House, BLEMISHES. author of numerous pamphlets, including biographical sketches of George Washing-ton, on whose private life he is the first au-thority; Prof. B. E. Fernow, the accom-plished chief of the forestry division of the Department of Agriculture, has a German as well as an American, reputation; Prof. H. W. Riley is an authority upon sugar and an accomplished chemist; Dr. E. Hart Meran accomplished chemist; Dr. E. Hart Merriam is one of our foremost ornithologists. Arnold Burges Johnson of the United States light house establishment is author of important papers upon the aberration of sound, which have been translated into Spanish and Italian; Mr. Sumner I. Kimbali is superintendent of the life saving service; Prof. Henry Gannett is the geographer of the geological survey and one of the found. Prof. Henry Gannett is the geographer of the geological survey and one of the found-ers of the American Geographical Society; Gardiner G. Hubbard is president of that society; Prof. William H. Dall is one of the most promising of the younger naturalists; Prof. A. Graham Bell is the inventor of the telephone, and has a world-wide fame; Dr. Frank Baker is the superintendent of the National Zoological Park and an authority National Zoological Park and an authority in physiology; Prof. O. T. Mason is the foremost archaeologists in the United States; Prof. C. D. Walcott is the recent successor of Maj. Powell as director of the geological or Maj. Powell as director of the geological survey. Mr. Justice Gray is a member of the Cosmos, and so are Rear Admiral Shu-feldt of the United States navy, Gen. John Moore, United States army; Gen. J. J. Dana, United States army; Mr. Wm. E. Curtis, late chief of the bureau of American republics; Mr. John M. Bonham, the author; Prof. W. O. Atwater, Prof. H. C. Adams, Capt. R. D. Evans, United States navy; Chas. Nord-hoff, Prof. Raphael Pumpelly, Hon. M. T. Stevens, member of Congress; Prof.Goldwin Smith and Prof. Proctor, president of the civil service commission, and a geologist of

Representatives of Art. Art is represented in the club by Mr. S. H. Kauffmann, Mr. W. H. Holmes, Mr. Parker Mann, Mr. A. G. Heaton and Mr. E. F. Andrews. Of late years the club has given annual art exhibits, which have Every proved very attractive and popular.

The Cosmos Club house is located near Lafayette Square and the Arlington Hotel. | Woman It was originally the home of Mrs. Madison, where she resided after the death of her husband, President Madison. Mrs. Madison was a charming hostess, and her receptions were througed with visitors. The house has been occupied in turn by Attorney General Crittenden, Mr. William C. Preston, Mr. Roosevelt of New York, by Gen. McClellan, as his headquarters; by the French claims commission and by Admiral Wilkes.

Extensive additions have recently been

made, and a commodious hall has been pro-vided for the use of the club at its receptions and for the meetings of the scientific societies of Washington. Men of science, as a rule, are unsocial, and

Men of science, as a rule, are unsocial, and a club is the one thing they need to cultivate their social side. The Cosmos has served this purpose in an admirable degree. When the club first started the members drank rothing stronger than apolinaris. They thought, with Mr. Stiggins, that "all taps is vanities," but under the club's mellowing. social influence almost every member has come to have his "partikler wanity," and social influence almost every member the club's wine cellar is now well supplied. the club's wine cellar is now well supplied. The fascinating game of poker has not yet been introduced, but whist and chess are played with zeal and skill. Gen, Greely is one of the masters in whist, and Prof. Simon Newcomb is usually victorious in chess. The club has a fine billiard room, and the president of the club is an expert player. There is a fair beginning of a library, and many of the books have the words "With the compliments of the auwords "With the compliments of the au-thor" upon the fly leaf—the author being a member of the club. There are likewise books of reference, but in a club where the members make encyclopedias and diction-aries such works are not indispensable. aries such works are not indispensable.

Sydney Smith described the German professor as having his mouth full of Sanscrit
and sauerkraut, or of cabbage and contradiction; but the American professor does
not answer this description. The experience of the Cosmos Club has shown that a scholar may be a clubable man—a gentle-man—not disputatious, unpretentious and

even a jolly good fellow.

JOSEPH B. MARVIN. Sealing wax in all possible shades is disamber wax, mottled with silver. Wax, by

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